

**VPDES GENERAL PERMIT REGISTRATION STATEMENT  
NONMETALLIC MINERAL MINING**

1. **Facility Owner:** \_\_\_\_\_
2. **Owner Mailing address:** Street or P.O. Box \_\_\_\_\_  
City or Town \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_
3. **Owner Telephone #:** \_\_\_\_\_ 4. **Owner Email:** \_\_\_\_\_
5. **Contact Name:** \_\_\_\_\_ 6. **Contact Telephone #:** \_\_\_\_\_
7. **Contact Email:** \_\_\_\_\_ 8. **Fax number:** \_\_\_\_\_
9. **Project Name:** \_\_\_\_\_ 10. **Project Lat/Long:** \_\_\_\_\_
11. **Project Location:** \_\_\_\_\_  
(County, Street Number, Route Number, or Other Identifier)
12. **Description of mining activity (mineral mined):** \_\_\_\_\_  
\_\_\_\_\_
13. **Primary SIC code:** \_\_\_\_\_ **Secondary SIC codes:** \_\_\_\_\_

**14. Discharge Information:**

OUTFALL NUMBER	OUTFALL TYPE (see note 1)	SOURCE OF DISCHARGE (see note 2)	RECEIVING STREAM AND WETLANDS	LATITUDE/ LONGITUDE

Notes: 1. Outfall Type - list as (1) process wastewater, (2) storm water, or (3) process water commingled with storm water.  
2. Source of Discharge - list as any one or combination of the following: (1) mine pit dewatering, (2) storm water associated with industrial activity, (3) storm water not associated with industrial activity, (4) ground water infiltration, (5) wastewater from vehicle and/or equipment washing activities, (6) mined material washing, (7) noncontact cooling water, (8) miscellaneous plant cleanup wastewater, (9) co-located facility discharges (identify the co-located facility), or (10) other discharges not listed here (describe).

**15. Storm Water Outfalls - Representative Discharges:**

- a. **Indicate which exclusively storm water outfalls (if any) will be representative outfalls that require a single Discharge Monitoring Report (DMR).**  
\_\_\_\_\_
- b. **For storm water outfalls which are to be represented by other outfall discharges, attach a description of the activities associated with those outfalls and explain why they are substantially the same as the representative outfall to be sampled.**

16. **Does this mine currently have a VPDES permit?** Yes [ ] No [ ] **If yes, give permit number** \_\_\_\_\_

17. Description of wastewater treatment or reuse/recycle systems, or both:

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18. List any chemicals added to water that could be discharged:

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19. Indicate any co-located facilities:

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20. Is this facility a hazardous waste treatment, storage, or disposal facility? Yes ☐ No ☐

21. Attach to this registration statement a schematic drawing showing the sources of water used on the property, the industrial operations contributing to or using water, and the conceptual design of the methods of treatment and disposal of wastewater and solids. Identify outfall numbers listed in item 14 above.

22. Attach to this registration statement an aerial photo or scale map which clearly shows the property boundaries, plant site, drainage areas associated with each outfall, locations of all mine pit dewatering, existing, significant sources of materials exposed to precipitation, storm water or process wastewater outfalls listed in item 14 above and the receiving streams.

23. Attach to this registration statement evidence that the operation to be covered by this general permit has a mining permit which has been approved by the Virginia Department of Mines, Minerals and Energy, Division of Mineral Mining (or associated waived program) under the provisions and requirements of Title 45.1 of the Code of Virginia. Mineral mines owned and operated by governmental bodies not subject to the provisions and requirements of Title 45.1 of the Code of Virginia are exempt from this requirement.

Mining Permit No.: \_\_\_\_\_

24. Does the facility discharge storm water into a Municipal Separate Storm Sewer System (MS4). Yes ☐ No ☐

If yes, provide name of the MS4 operator \_\_\_\_\_

25. Would you like your permit sent to you electronically? Yes ☐ No ☐

If yes, please list the email address to send it to: \_\_\_\_\_

**Certification:**

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations."

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

**Required attachments:**

1. Evidence of approved mining permit
2. Water use schematic drawing
3. Aerial photo or map

**FOR DEPARTMENT USE ONLY:**

Accepted/Not accepted by: \_\_\_\_\_ Date: \_\_\_\_\_  
Basin \_\_\_\_\_ Stream Class \_\_\_\_\_ Section \_\_\_\_\_  
Special Standards \_\_\_\_\_  
TMDL Compliance \_\_\_\_\_

# INSTRUCTION FOR COMPLETING THE REGISTRATION STATEMENT FOR THE GENERAL VPDES PERMIT FOR NONMETALLIC MINERAL MINING FACILITIES (VAG84)

## WHO MUST FILE THE REGISTRATION STATEMENT

This registration statement must be completed and submitted by any Nonmetallic Mineral Mining facility requesting coverage under the above general permit for process wastewater discharges and/or regulated storm water discharges.

## WHERE TO FILE THE REGISTRATION STATEMENT

The completed registration statement with original signature, a copy of the fee form, and a copy of your check for the appropriate fee should be sent to the Department of Environmental Quality Regional Office that serves the area where your facility is located. The original fee form and the check should be sent to DEQ Receipts Control, P.O. Box 1104, Richmond, VA 23218. Regional Office addresses can be obtained from our website at [www.deq.virginia.gov](http://www.deq.virginia.gov), or by calling the DEQ at (804) 698-4000.

## COMPLETENESS

Complete all items except where indicated, or enter NA for "not applicable" in order for your registration statement to be accepted. If you need more space than the form allows, write on and attach extra sheets of paper.

## DEFINITIONS

SIC Code mean the "Standard Industrial Classification" code listed in the Federal Office of Management and Budget (OMB) SIC Manual, 1987. SIC codes are used as identifiers of industries with certain characteristics.

Storm water means storm water run-off, snow melt run-off, and surface run-off and drainage.

Process Wastewater means any wastewater used in the slurry transport of mined material, air emissions control, or processing exclusive of mining, and any other water that becomes commingled with such wastewater in a pit, pond, lagoon, mine, or other facility used for treatment of such wastewater. It includes mine pit dewatering, water used in the process of washing stone, noncontact cooling water, wastewater from vehicle/equipment washing activities, return water from operations where mined material is dredged and miscellaneous plant cleanup wastewaters.

## LINE BY LINE INSTRUCTIONS

- Item 1: Provide the name of the person or corporation that owns the business. This does not have to be the owner of the building (e.g., if it is leased) but should be who is responsible for the business and wants coverage under the general permit.
- Item 2: Provide the mailing address of the above person.
- Item 3: Provide the telephone number of the above person.
- Item 4: Provide email address of the above person (this is not required but helpful for future methods of communication).
- Item 5: Provide a contact name for the facility if that is different than the owner.
- Item 6: Provide the contact telephone number.
- Item 7: Provide contact email address (this is not required but helpful for future methods of communication).
- Item 8: Provide the fax number where you would like information sent.
- Item 9: Provide the project name of the Nonmetallic Mineral Mining facility.
- Item 10: Provide the latitude and longitude for the project (typically, use the main building at the project for determining latitude and longitude coordinates).
- Item 11: Provide county and other location information for the project.
- Item 12: Provide a brief description of the mining activity and the mineral mined.
- Item 13: Provide the facility's primary and secondary SIC Codes. This permit covers discharges of process wastewater as well as storm water associated with industrial activity from active and inactive mineral mines classified nonmetallic mineral mining facilities under SIC codes 1411, 1422, 1423, 1429, 1442, 1455, 1459 excluding bentonite and magnesite mines, 1475, and 1499 excluding gypsum, graphite, asbestos, diatomite, jade, novaculite, wollastonite, tripoli or asphaltic mineral. Secondary industrial activities co-located on site are also covered as long as the secondary activity has wastewater characteristics similar to those of the mineral mine and is located within the permitted mining area. These secondary activities commonly found at mining include manufacturing of ready-mix concrete (SIC Code 3273), concrete products (SIC Codes 3271 and 3272), and asphalt paving materials (SIC Code 2951) except asphalt emulsion manufacturing. It does not mean industrial activity that is specifically excluded from this permit.
- Item 14: DISCHARGE INFORMATION
  - Outfall Number - list all outfall discharges by a number, such as 001, 002, etc.
  - Outfall type - list as either: (1) process wastewater, (2) storm water, or (3) process water commingled with storm water.
  - Source of Discharge - list as any one or combination of the following: (1) mine pit dewatering, (2) storm water associated with industrial activity, (3) storm water not associated with industrial activity, (4) ground water infiltration, (5) wastewater from vehicle and/or equipment washing activities, (6) mined material washing, (7) noncontact cooling water, (8) miscellaneous plant cleanup wastewater, (9) co-located facility discharges (identify the co-located facility), or (10) other discharges not listed here (describe).
  - Receiving Stream and Wetlands - list the discharge receiving stream and wetlands (if applicable). Discharge to the receiving stream may be through a municipal separate storm sewer system.
  - Latitude and Longitude - provide this location information.
- Item 15: STORM WATER OUTFALLS - REPRESENTATIVE OUTFALLS
  - When a facility has two or more exclusively storm water outfalls that the permittee reasonably believes discharge substantially identical effluents, based on a consideration of industrial activity, significant materials, and management practices and activities within the area drained by the outfalls, then the permittee may submit information with the registration statement substantiating the request for only one Discharge Monitoring Report (DMR) to be issued for the outfall to be

outfall to be sampled that represents one or more substantially identical outfalls.

Indicate which exclusively storm water outfalls (if any) will be representative outfalls that require a single (DMR). For storm water outfalls which are to be represented by other outfall discharges, attach a description of the activities associated with those outfalls and explain why they are substantially the same as the representative outfall to be sampled. The explanation must include a description of the industrial activity, significant materials, and management practices and activities within the area drained by the outfalls.

- Item 16: Indicate if the facility currently has a VPDES permits and provide the permit number if applicable.
- Item 17: Describe the type(s) of wastewater treatment employed, including reuse/recycle system(s). Identify any system(s) which operates only in a "no discharge" mode.
- Item 18: List all chemicals that are currently used or anticipated to use within the life of the permit term on the registration statement. The use of any chemical additives, except chlorine, without prior approval is prohibited under this general permit. Prior approval shall be obtained from the DEQ before any changes are made to the chemical usage. The MSDS and available aquatic toxicity information for each additive used may be obtained from the manufacturer of the chemical additives.
- Item 19: Indicate any co-located facilities. Secondary industrial activity co-located on site is also covered as long as the secondary activity has wastewater characteristics similar to those of the mineral mine and is located within the permitted mining area. Secondary activities commonly found at mining include manufacturing of ready-mix concrete, concrete products, and asphalt paving materials, except asphalt emulsion manufacturing. It does not mean industrial activity that is specifically excluded from this permit
- Item 20: Indicate is the facility is a hazardous waste treatment, storage, or disposal facility
- Item 21: SCHEMATIC DRAWING  
The schematic drawing should show the source(s) of water used for production, the industrial operations contributing to or using water, and the conceptual design of the methods of treatment and disposal of wastewater and solid materials (such as solids from the settling basins and waste concrete materials). Identify outfall numbers listed in item 14. If a liner is installed in the settling basin(s), the drawing should reflect its specifications.
- Item 22: MAP  
Provide an aerial photo or scale map which clearly shows the property boundaries, plant site, drainage areas associated with each outfall, locations of all mine pit dewatering, existing, significant sources of materials exposed to precipitation, storm water or process wastewater outfalls identified in item 14 and the receiving streams.
- Item 23: DEPARTMENT OF MINES, MINERALS AND ENERGY GENERAL PERMIT  
Provide the mining permit number and evidence that the operation to be covered by this general permit has a mining permit which has been approved by the Virginia Department of Mines, Minerals and Energy, Division of Mineral Mining (or associated waived program) under the provisions and requirements of Title 45.1 of the Code of Virginia. Mineral mines owned and operated by governmental bodies not subject to the provisions and requirements of Title 45.1 of the Code of Virginia are exempt from this requirement.
- Item 24: Indicate if the facility discharges into a Municipal Separate Storm Sewer System (MS4) and provide the name of the MS4 operator, if applicable.
- Item 25: If you would you like your permit sent to you electronically, check the box and list the email address where you would like the permit sent.

## **STORM WATER POLLUTION PREVENTION PLAN**

For proposed facilities a Storm Water Pollution Prevention Plan shall be prepared and implemented on or before the date of submission of the registration statement.

Existing facilities shall prepare and implement a plan incorporating the storm water pollution prevention plan requirements of this permit, if not included in an existing plan, as expeditiously as practicable, but not later than July 1, 2010. Existing storm water pollution prevention plans being implemented as of July 1, 2009 shall continue to be implemented until a new plan is developed and implemented.

## **ANTIDEGRADATION REQUIREMENTS**

Coverage under this general permit is not authorized unless the discharge complies with Virginia's antidegradation policy in the Water Quality Standards at 9VAC25-260-30. The Department will notify the applicant if authorization to discharge under this general permit will not comply with the antidegradation requirements set forth in 9VAC25-260-30.

## **SIGNATURE AND CERTIFICATION**

All registration statement shall be signed as follows:

1. For a corporation: by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means: (i) A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy- or decision-making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operating facilities provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;
2. For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
3. For a municipality, state, federal, or other public agency: By either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a federal agency includes: (i) The chief executive officer of the agency, or (ii) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency.